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Dated: 1-30-06 Signature: Maura A. Gallagher  
(Maura A. Gallagher)

Docket No.: ALEX-P03-060  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Bowdish et al.

Application No.: 10/736,188

Confirmation No.: 4387

Filed: December 15, 2003

Art Unit: 1643

For: POLYPEPTIDES AND ANTIBODIES  
DERIVED FROM CHRONIC  
LYMPHOCYTIC CELLS AND USES  
THEREOF

Examiner: Bradley Duffy

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

Copies of the references on the PTO/SB/08 are not provided.

The documents listed on the attached form PTO/SB/08 (facsimile) are not supplied because they were currently cited by or submitted to the Office in prior application number 10/379151 filed March 4, 2003 and relied upon in this application for an earlier filing date under 35 U.S.C. 120.

In accordance with 37 CFR 1.97(g), the filing of this Supplemental Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Supplemental Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Supplemental Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 18-1945, under Order No. ALEX-P03-060.

Dated: September 28, 2006

Respectfully submitted,

By 

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PTO/SB/08a/b (07-06)

Approved for use through 09/30/2006. OMB 0651-0031  
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Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
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				First Named Inventor	Katherine S. Bowdish
				Art Unit	1643
				Examiner Name	Bradley Duffy
Sheet	1	of	4	Attorney Docket Number	ALEX-P03-060

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	BA	WO-97021450	06/1997	Borriello et al.		
	BB	WO-04078938	10/2004	Bowdish et al.		

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	Banerjee, D., et al., "Blocking CD200-CD200 receptor axis augments NOS-2 expression and aggravates experimental autoimmune uveoretinitis in Lewis rats," <i>Ocular Immunology and Inflammation</i> , 12(2):115-125 (2004).	
	CB	Blazer, B.R., et al., "CD28/B7 Interactions Are Required for Sustaining the Graft-Versus-Leukemia Effect of Delayed Post-Bone Marrow Transplantation Splenocyte Infusion in Murine Recipients of Myeloid or Lymphoid Leukemia Cells," <i>J. Immunol.</i> , 159:3460-3473 (1997).	
	CC	Bukovsky, A., et al., "Association of lymphoid cell markers with rat ascitic malignant cells," <i>IRCS Med. Sci.</i> , 11:866-867 (1983).	
	CD	Bukovsky, A., et al., "Association of some cell surface antigens of lymphoid cells and cell surface differentiation antigens with early rat pregnancy," <i>Immunology</i> , 52:631-640 (1984).	
	CE	Bukovsky, A., et al., "The localization of Thy-1.1, MRC OX 2 and Ia antigens in the rat ovary and fallopian tube," <i>Immunology</i> , 48:587-596 (1983).	
	CF	Bukovsky, A., et al., "The ovarian follicle as a model for the cell-mediated control of tissue growth," <i>Cell Tissue Res.</i> , 236:717-724 (1984).	
	CG	Chen, D., et al., "Discrete Monoclonal Antibodies Define Functionally Important Epitopes in the CD200 Molecule Responsible for Immunosuppression Function," <i>Transplantation</i> , 79:282-288 (2005).	
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	CI	Cherwinski, H.M., et al., "The CD200 Receptor Is a Novel and Potent Regulator of Murine and Human Mast Cell Function," <i>J. Immunol.</i> , 174:1348-1356 (2005).	
	CJ	Clark, M.J., et al., "MRC OX-2 antigen: a lymphoid/neuronal membrane glycoprotein with a structure like a single immunoglobulin light chain," <i>EMBO Journal</i> , 4(1):113-118 (1985).	
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				First Named Inventor	Katherine S. Bowdish
				Art Unit	1643
				Examiner Name	Bradley Duffy
Sheet	2	of	4	Attorney Docket Number	ALEX-P03-060

	CK	Clarke, M.J., "MRC OX-2 lymphoid brain glycoprotein: S1 mapping suggests higher levels of abnormal RNA in the thymus than in the brain," Biochemical Society Transactions, 14:80-81 (1986).	
	CL	Fallarino, F., et al., "Murine Plasmacytoid Dendritic Cells Initiate the Immunosuppressive Pathway of Tryptophan Catabolism in Response to CD200 Receptor Engagement," J. Immunol., 173:3748-3754 (2004).	
	CM	Farber, U., et al., "Loss of heterozygosity on chromosome 3, bands q24->qter, in a diploid meningioma," Cytogenet Cell Genet, 57:157-158 (1991).	
	CN	Gorczynski, L., et al., "Evidence That an OX-2-Positive Cell Can Inhibit the Stimulation of Type 1 Cytokine Production by Bone Marrow-Derived B7-1 (and B7-2)-Positive Dendritic Cells," J. Immunol., 162:774-781 (1999).	
	CO	Gorczynski, R., et al., "CD200 Is a Ligand for All Members of the CD200R Family of Immunoregulatory Molecules," J. Immunol., 172:7744-7749 (2004).	
	CP	Gorczynski, R., et al., "Dendritic Cells Expressing TGFβ/IL-10, and CHO Cells With OX-2, Increase Graft Survival," Transplantation Proceedings, 33:1565-1566 (2001).	
	CQ	Gorczynski, R.M., "Role of Cytokines in Allograft Rejection," Current Pharmaceutical Design, 7:1039-1057 (2001).	
	CR	Gorczynski, R.M., "Synergy in Induction of Increased Renal Allograft Survival after Portal Vein Infusion of Dendritic Cells Transduced to Express TGFB and IL-10, along with Administration of CHO Cells Expressing the Regulatory Molecule OX-2," Clinical Immunology, 95(3):182-189 (2000).	
	CS	Gorczynski, R.M., "Transplant tolerance modifying antibody to CD200 receptor, but not CD200, alters cytokine production profile from stimulated macrophages," Eur. J. Immunol., 31:2331-2337 (2001).	
	CT	Gorczynski, R.M., et al., "A CD200FC Immunoaderhin Prolongs Rat Islet Xenograft Survival in Mice," Transplantation, 73(12):1948-1953 (2002).	
	CU	Gorczynski, R.M., et al., "Anti-Rat OX-2 Blocks Increased Small Intestinal Transplant Survival After Portal Vein Immunization," Transplantation Proceedings, 31:577-578 (1999).	
	CV	Gorczynski, R.M., et al., "Augmented Induction of CD4+ CD25+ Treg using Monoclonal Antibodies to CD200R," Transplantation, 79(4):488-491 (2005).	
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	CX	Gorczynski, R.M., et al., "CD200 Immunoaderhin Supresses Collagen-Induced Arthritis in Mice," Clinical Immunology, 101(3):328-334 (2001).	
	CY	Gorczynski, R.M., et al., "Evidence for Persistent Expression of OX2 as a Necessary Component of Prolonged Renal Allograft Survival Following Portal Vein Immunization," Clinical Immunol., 97(1):69-78 (2000).	
	CZ	Gorczynski, R.M., et al., "Induction of Tolerance-Inducing Antigen-Presenting Cells in Bone Marrow Cultures In Vitor Using Monoclonal Antibodies to CD200R," Transplantation, 77(8):1138-1144 (2004).	
	CA1	Gorczynski, R.M., et al., "Interleukin-13, in Combination with Anti-Interleukin-12, Increases Graft Prolongation After Portal Venous Immunization with Cultured Allogeneic Bone Marrow-Derived Dendritic Cells," Transplantation, 62(11):1592-1600 (1996).	
	CB1	Gorczynski, R.M., et al., "Persistent expression of OX-2 is necessary for renal allograft survival," FASEB Journal, 14(6):A1069 (2000).	
	CC1	Gorczynski, R.M., et al., "Receptor Engagement on Cells Expressing a Ligand for the	

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		Tolerance-Inducing Molecule OX2 Induces an Immunoregulatory Population That Inhibits Alloreactivity In Vitro and In Vivo," J. Immunol., 165:4854-4860 (2000).	
	CD1	Gorczyński, R.M., et al., "Regulation of Gene Expression of Murine MD-1 Regulates Subsequent T Cell Activation and Cytokine Production," J. of Immunology, 165:1925-1932 (2000).	
	CE1	Gorczyński, R.M., et al., "Structural and Functional Heterogeneity in the CD200R Family of Immunoregulatory Molecules and their Expression at the Fetomaternal Interface," AJRI, 52:147-163 (2004).	
	CF1	Gorczyński, R.M., et al., "The Same Immunoregulatory Molecules Contribute to Successful Pregnancy and Transplantation," AJRI, 48:18-26 (2002).	
	CG1	McCaughan, G.M., et al., "Identification of the human homologue of the rat lymphoid/brain antigen MRC OX-2," Australian and New Zealand Journal of Medicine 17: 142 (Abstract) (1987).	
	CH1	Hoek, R.M., et al., "Macrophage regulation by the B7.1/2 homologue OX2?", FASEB Journal, 14(6):A1232, Abstract #193.1 (2000).	
	CI1	Hutchings, N.J., et al., "Interactions of Cytoplasmic Region of OX2R Are Consistent with an Inhibitory Function," Annual Congress of the British Society for Immunology, 101(Supplement 1): 24, Abstract #10.6 (2000).	
	CJ1	Jeurissen, S.H.M., et al., "Characteristics and functional aspects of nonlymphoid cells in rat germinal centers, recognized by two monoclonal antibodies ED5 and ED6," Eur. J. Immunol., 16:562-568 (1986).	
	CK1	Kroese, F.G.M., et al., "Germinal centre formation and follicular antigen trapping in the spleen of lethally X-irradiated and reconstituted rats," Immunology, 57:99-104 (1986).	
	CL1	Kroese, F.G.M., et al., "The ontogeny of germinal centre forming capacity of neonatal rat spleen," Immunology, 60:597-602 (1987).	
	CM1	Marsh, M.N., "Functional and Structural Aspects of the Epithelial Lymphocyte, with Implications for Coeliac Disease and Tropical Sprue," Scandinavian Journal of Gastroenterology 114: 55-75 (1985).	
	CN1	McCaughan, G.W., et al., "The Gene for MRC OX-2 Membrane Glycoprotein Is Localized on Human Chromosome 3," Immunogenetics, 25:133-135 (1987).	
	CO1	McMaster, W.R., et al., "Identification of Ia glycoproteins in rat thymus and purification from rat spleen," Eur. J. Immunol., 9:426-433 (1979).	
	CP1	Mjaaland, S., et al., "The Localization of Antigen in Lymph Node Follicles of Congenitally Athymic Nude Rats," Scand. J. Immunol., 26:141-147 (1987).	
	CQ1	Mohammad, R.M., et al., "Establishment of a human B-CLL xenograft model: utility as a preclinical therapeutic model," Leukemia, 10:130-137 (1996).	
	CR1	Morris, R.J., et al., "Sequential Expression of OX2 and Thy-1 Glycoproteins on the Neuronal Surface during Development," Dev. Neurosci., 9:33-44 (1987).	
	CS1	Nagelkerken L., et al., "Accessory Cell Function of Thoracic Duct Nonlymphoid Cells, Dendritic Cells, and Splenic Adherent Cells in the Brown-Norway Rat," Cellular Immunology, 93:520-531 (1985).	
	CT1	Ragheb, R.F., "Exploration of OX-2 function in tolerance induction and graft acceptance using an anti-mouse OX-2 monoclonal antibody," University of Toronto, Masters Abstracts International, 38(4):971-972 (2000).	
	CU1	Richards, S.J., et al., "Reported Sequence Homology Between Alzheimer Amyloid770 and the MCR OX-2 Antigen Does Not Predict Function," Brain Research Bulletin, 38(3):305-306	

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		(1995).	
	CV1	Rosenblum, M.D., et al., "CD200 is a novel p53-target gene involved in apoptosis-associated immune tolerance," <i>Blood</i> , 103(7):2691-2698 (2004).	
	CW1	Syme, R., et al., "Comparison of CD34 and Monocyte-Derived Dendritic Cells from Mobilized Peripheral Blood from Cancer Patients," <i>Stem Cells</i> , 23:74-81 (2005).	
	CX1	Taylor, N., et al., "Enhanced Tolerance to Autoimmune Uveitis in CD200-Deficient Mice Correlates with a Pronounced Th2 Switch in Response to Antigen Challenge," <i>J. Immunol.</i> , 174:143-154 (2005).	
	CY1	Webb, M., et al., "Localisation of the MRC OX-2 Glycoprotein on the Surfaces of Neurones," <i>J. Neurochemistry</i> , 43:1061-1067 (1984).	
	CZ1	Wright, G.J., et al., "Lymphoid/Neuronal Cell Surface OX2 Glycoprotein Recognizes a Novel Receptor on Macrophages Implicated in the Control of Their Function," <i>Immunity</i> , 13:233-242 (2000).	
	CA2	Wright, G.J., et al., "The lymphoid/neuronal OX-2 glycoprotein interacts with a novel protein expressed by macrophages," <i>Tissue Antigens</i> , 55(Supplement 1): 11 (2000).	
	CB2	Wright, G.J., et al., "Viral homologues of cell surface proteins OX2 and CD47 have potential to regulate macrophage function," <i>Annual Congress of the British Society for Immunology</i> , 101(Supplement 1): 50 (2000).	
	CC2	Yang, C., et al., "Functional maturation and recent thymic emigrants in the periphery: development of alloreactivity correlates with the cyclic expression of CD45RC isoforms," <i>Eur. J. Immunol.</i> , 22:2261-2269 (1992).	
	CD2	Yu, X., et al., "The role of B7-CD28 co-stimulation in tumor rejection," <i>International Immunology</i> , 10(6):791-797 (1998).	
	CE2	Zhang, S., et al., "Molecular Mechanisms of CD200 Inhibition of Mast Cell Activation," <i>J. Immunol.</i> , 173:6786-6793 (2004).	
	CF2	Zheng, P., et al., "B7-CTLA4 interaction enhances both production of antitumor cytotoxic T lymphocytes and resistance to tumor challenge," <i>Proc. Natl. Acad. Sci. USA</i> , 95:6284-6289 (1998).	
	CG2	Jansky, L., et al., "Dynamics of Cytokine Production in Human Peripheral Blood Mononuclear Cells Stimulated by LPS or Infected by <i>Borrelia</i> ," <i>Physiol. Res.</i> , 52:593-598 (2003).	

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